

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075905.D
 Acq On : 20 Dec 2022 17:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 21 01:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

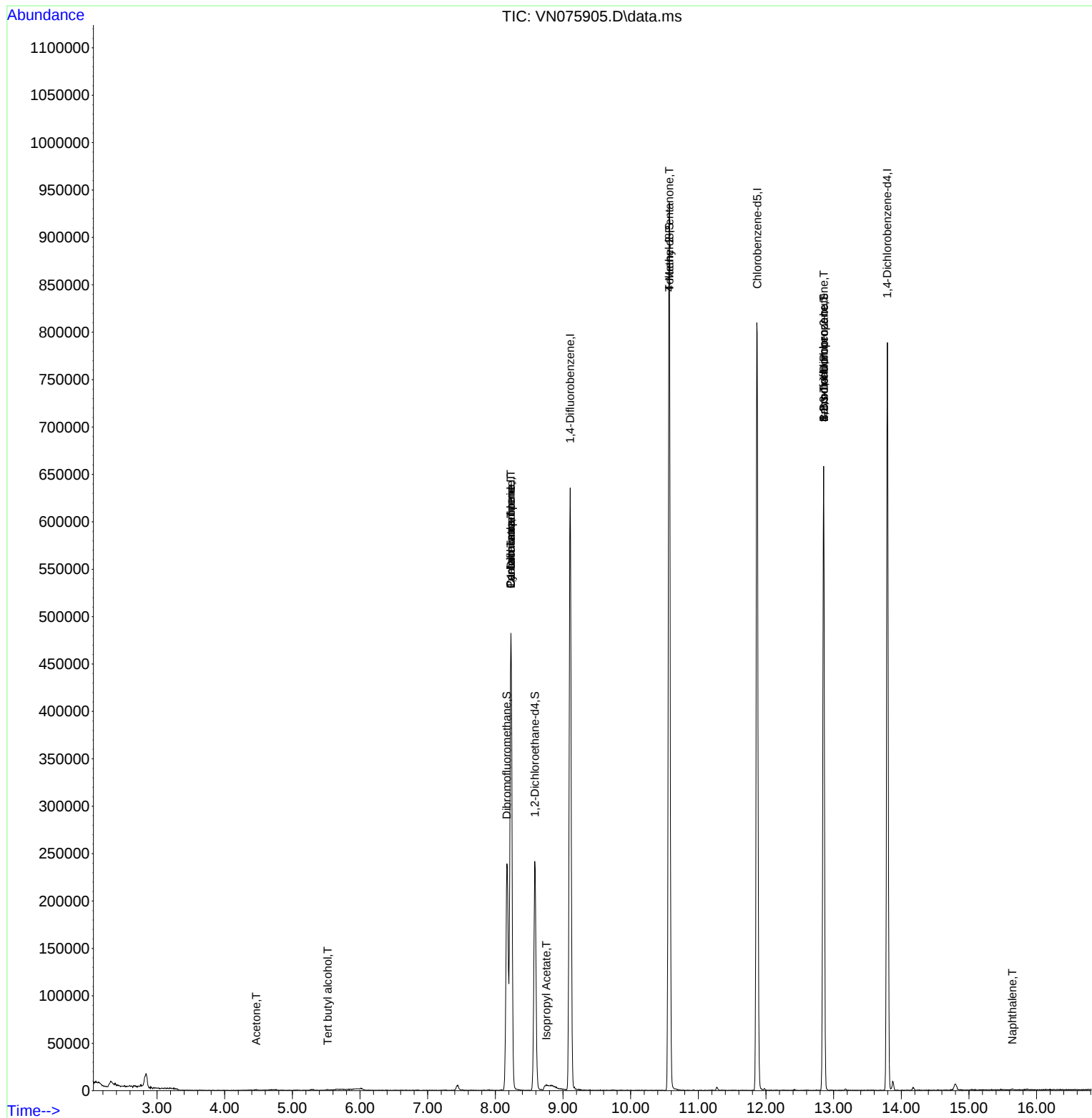
Internal Standards						
1) Pentafluorobenzene	8.230	168	379367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	595118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192683	46.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.380%		
35) Dibromofluoromethane	8.171	113	174999	47.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.960%		
50) Toluene-d8	10.571	98	675317	49.008	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.853	95	216863	47.517	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	118	0.202	ug/l #	72
16) Acetone	4.465	43	419	0.295	ug/l #	39
20) Methylene Chloride	5.283	84	451	Below Cal	#	52
31) Cyclohexane	8.230	56	7089	1.199	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26447	5.402	ug/l #	48
38) Carbon Tetrachloride	8.230	117	37374	6.821	ug/l #	16
43) Isopropyl Acetate	8.753	43	5052	0.779	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2527	0.644	ug/l #	1
71) Bromoform	12.853	173	1705	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	109088	24.056	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	109088	86.589	ug/l #	12
95) Naphthalene	15.641	128	1144	2.267	ug/l #	76

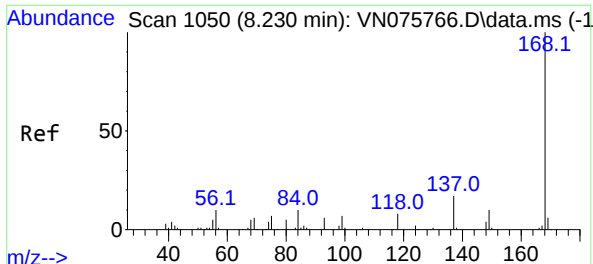
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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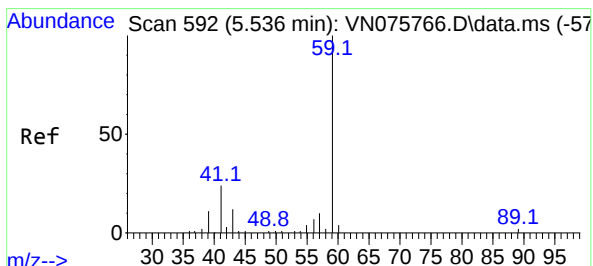
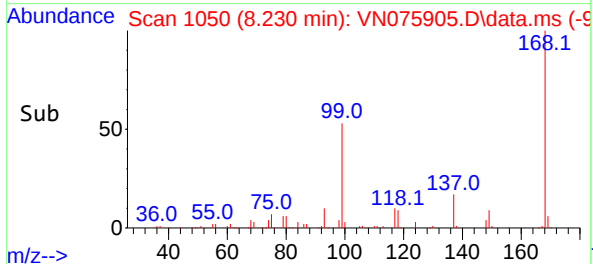
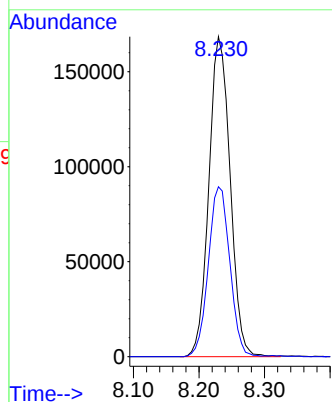
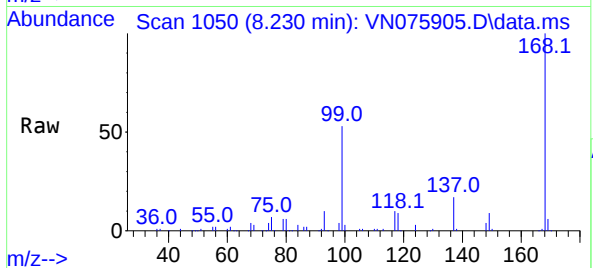




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

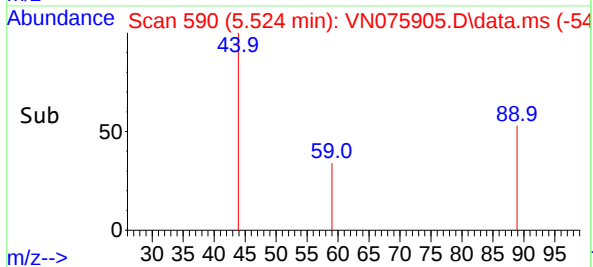
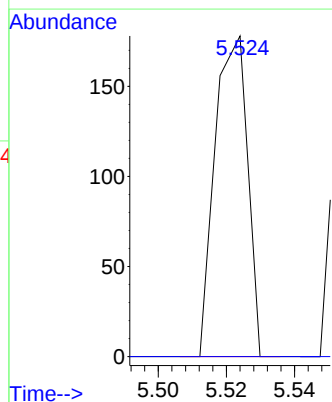
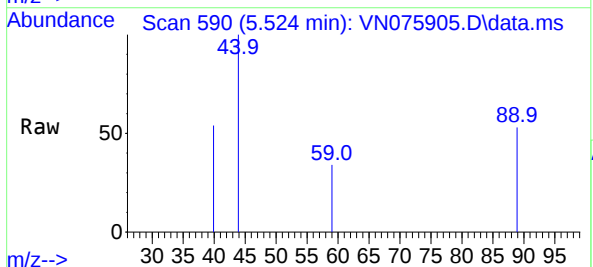
Instrument :
MSVOA_N
ClientSampleId :
IBLK

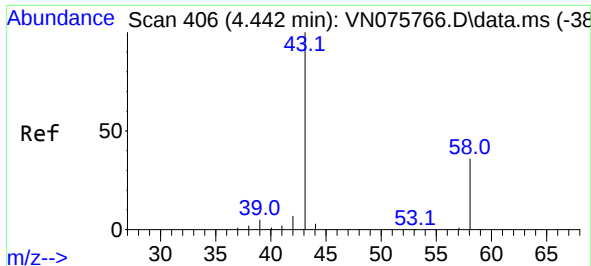
Tgt Ion:168 Resp: 379367
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.202 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.012 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

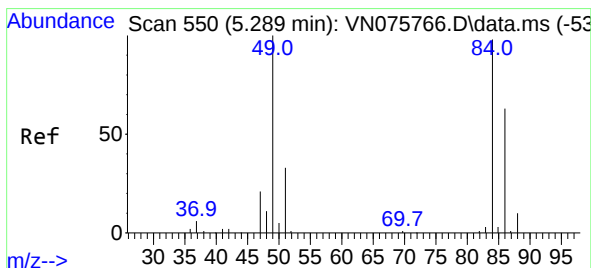
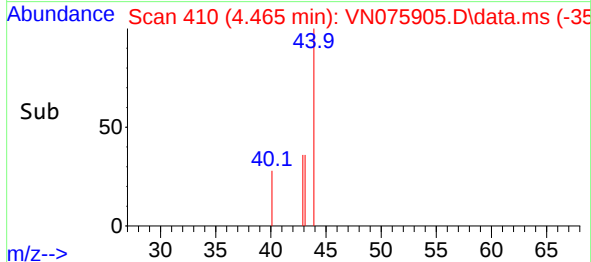
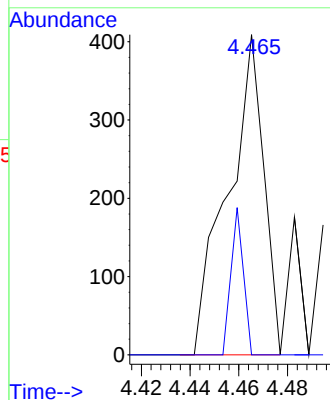
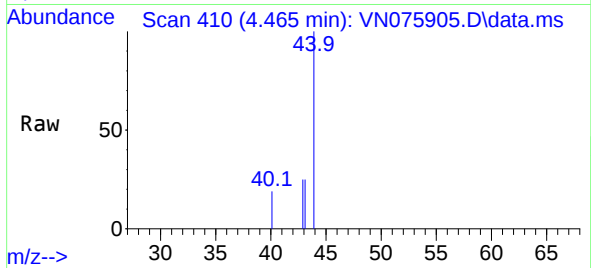




#16
Acetone
Concen: 0.295 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.024 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

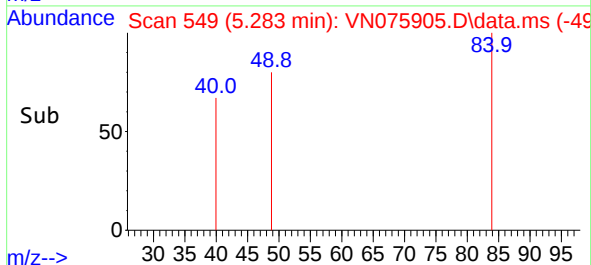
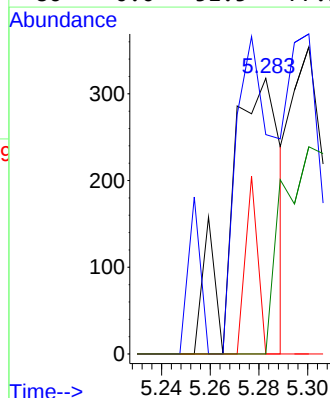
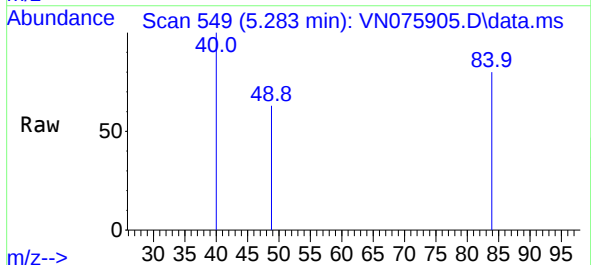
Instrument :
MSVOA_N
ClientSampleId :
IBLK

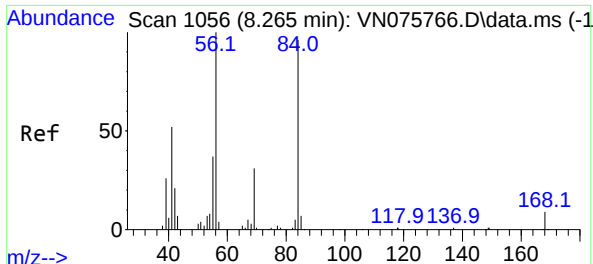
Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

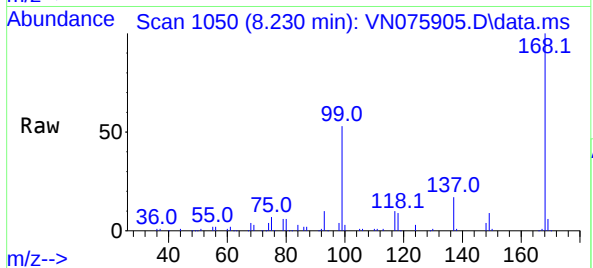
Tgt Ion: 84 Resp: 451
Ion Ratio Lower Upper
84 100
49 79.6 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#



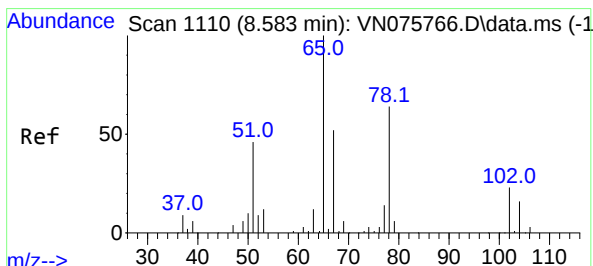
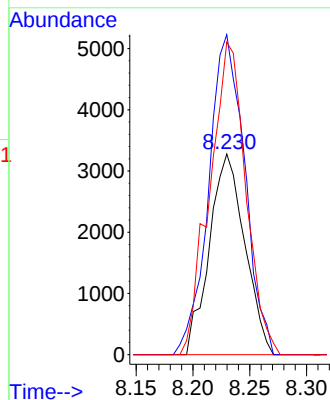
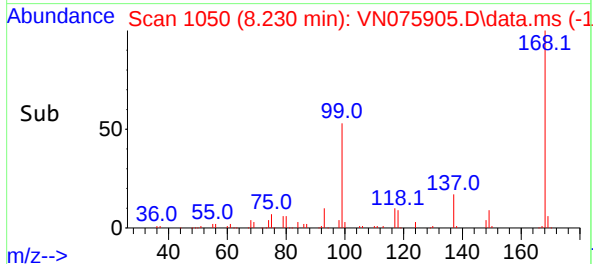


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

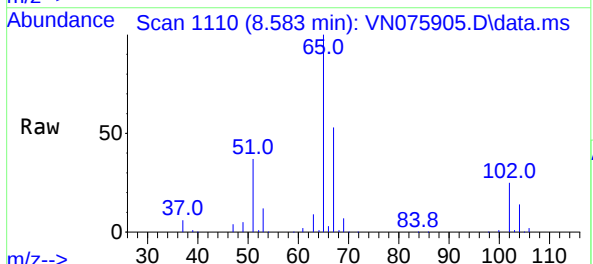
Instrument :
MSVOA_N
ClientSampleId :
IBLK



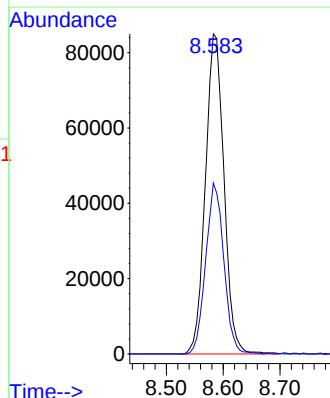
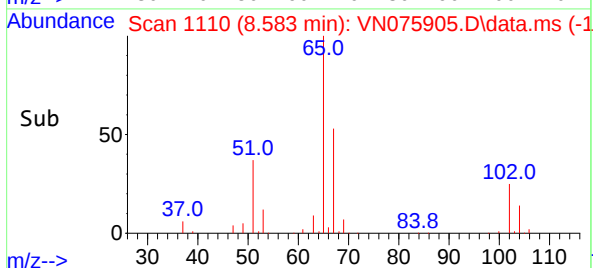
Tgt Ion: 56 Resp: 7089
Ion Ratio Lower Upper
56 100
69 159.5 24.7 37.1#
84 155.8 76.5 114.7#

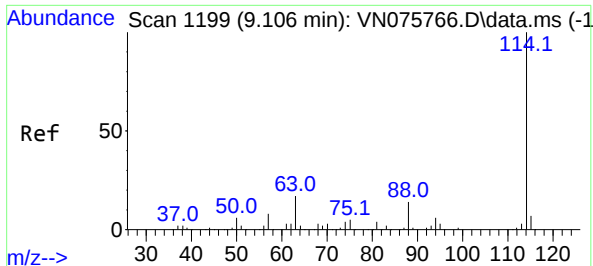


#33
1,2-Dichloroethane-d4
Concen: 46.687 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46



Tgt Ion: 65 Resp: 192683
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075905.D

Acq: 20 Dec 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

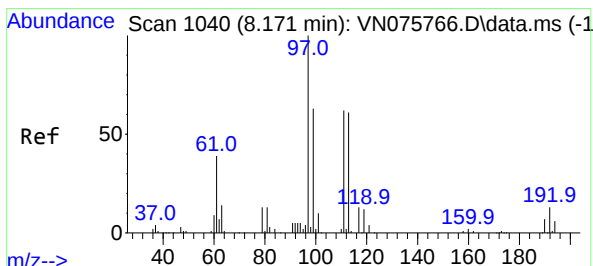
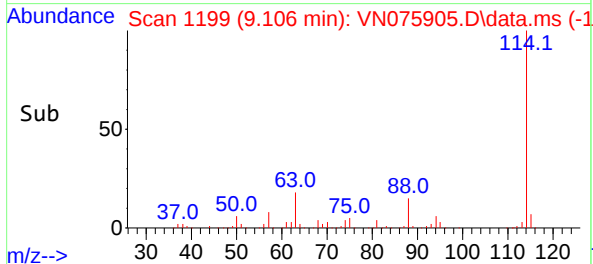
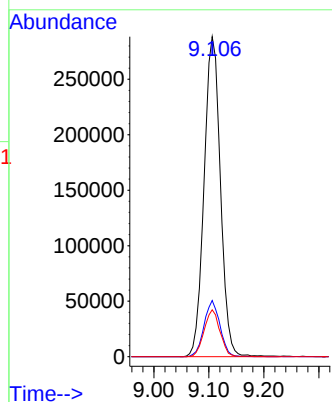
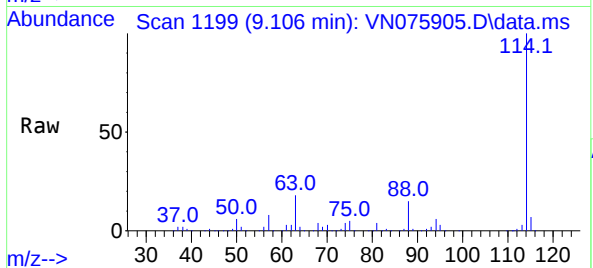
Tgt Ion:114 Resp: 595118

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.483 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075905.D

Acq: 20 Dec 2022 17:46

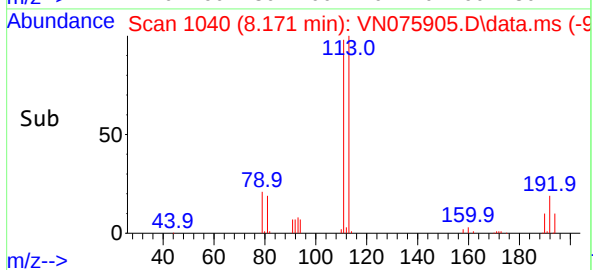
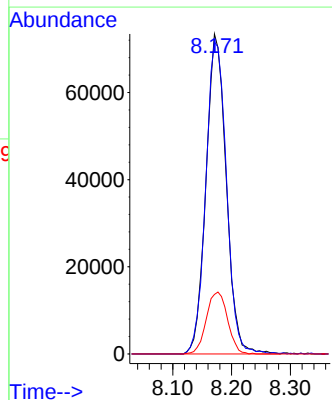
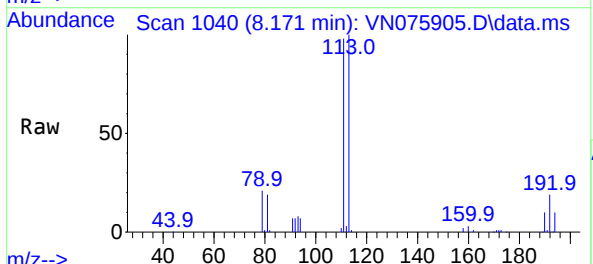
Tgt Ion:113 Resp: 174999

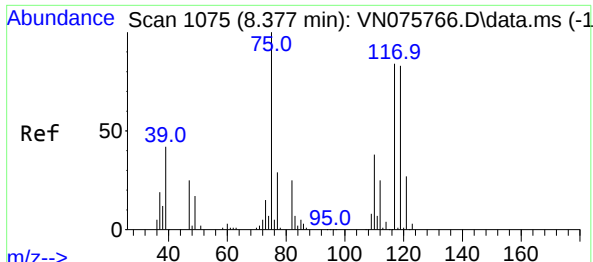
Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

192 20.3 16.1 24.1

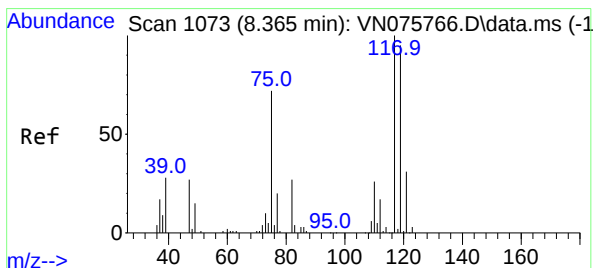
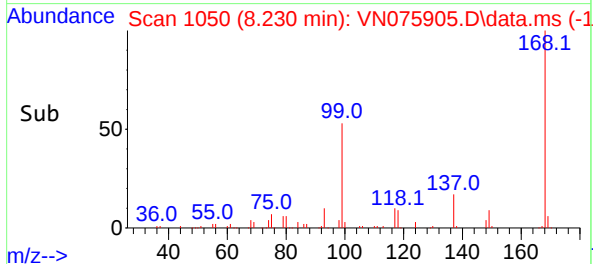
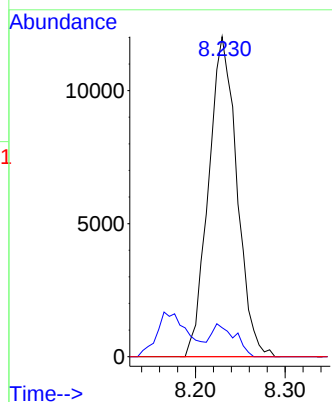
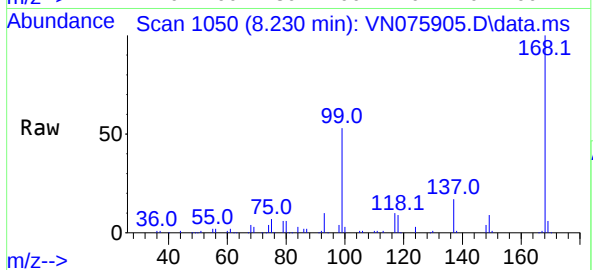




#36
1,1-Dichloropropene
Concen: 5.402 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

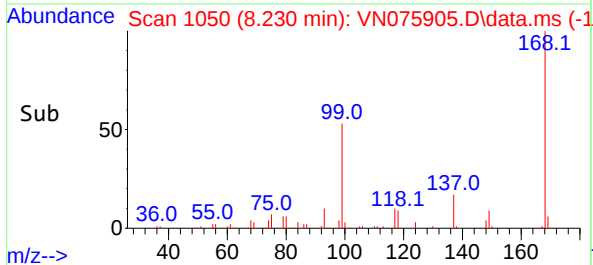
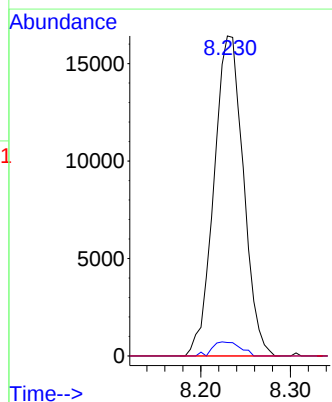
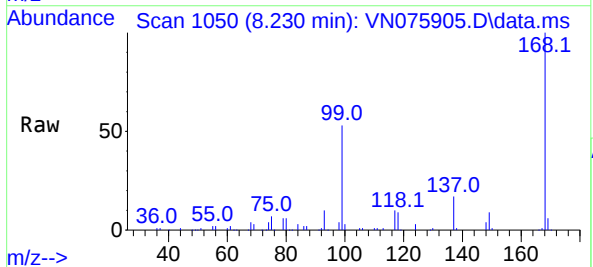
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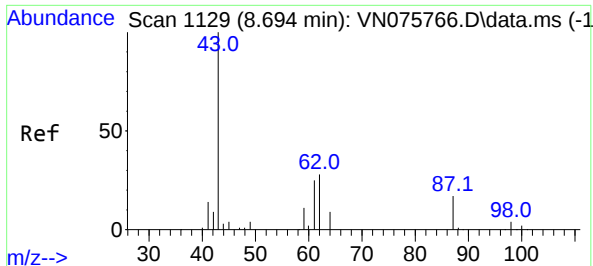
Tgt Ion: 75 Resp: 26447
Ion Ratio Lower Upper
75 100
110 8.4 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.821 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion: 117 Resp: 37374
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.5 36.7#

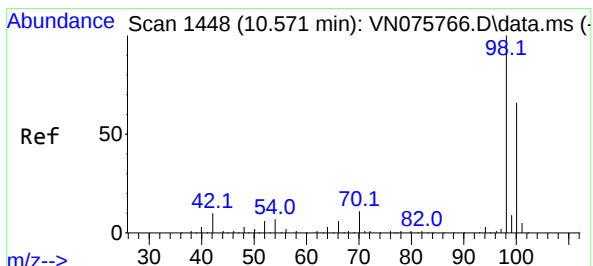
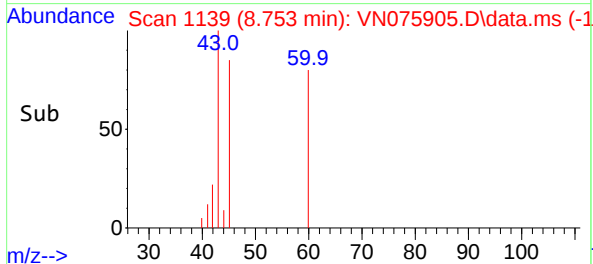
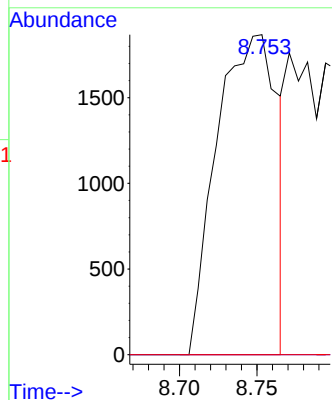
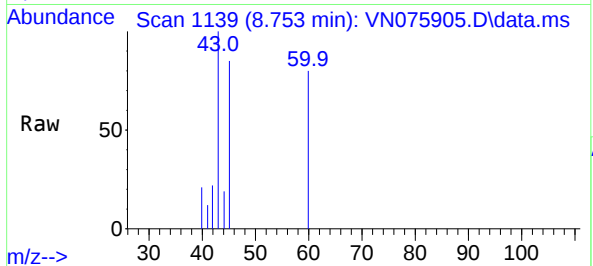




#43
Isopropyl Acetate
Concen: 0.779 ug/l
RT: 8.753 min Scan# 1129
Delta R.T. 0.059 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

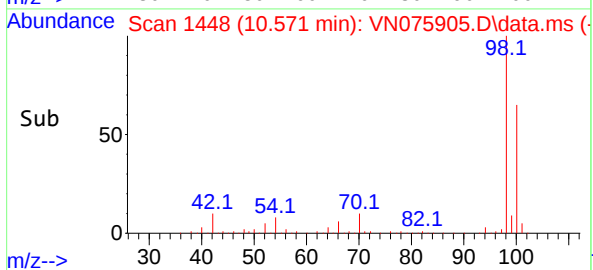
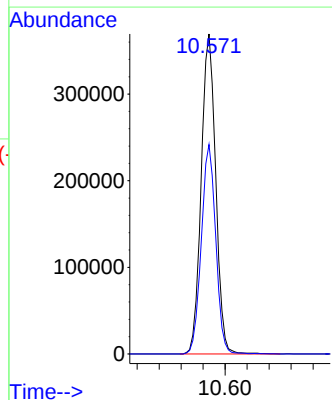
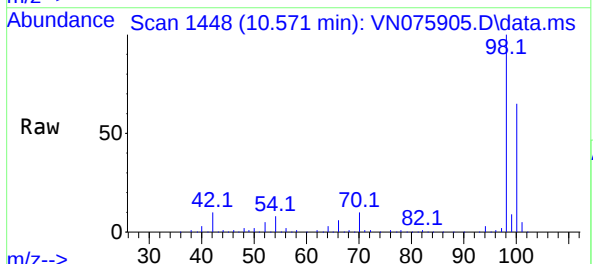
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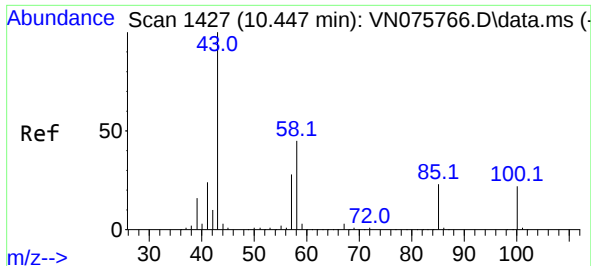
Tgt Ion: 43 Resp: 5052
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion: 98 Resp: 675317
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.644 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075905.D

Acq: 20 Dec 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

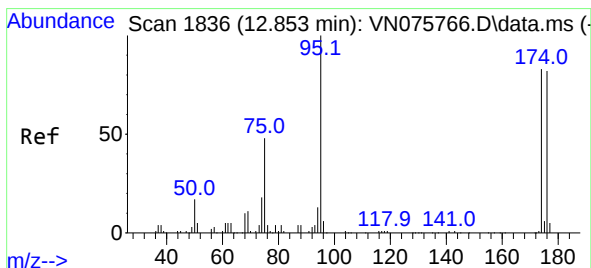
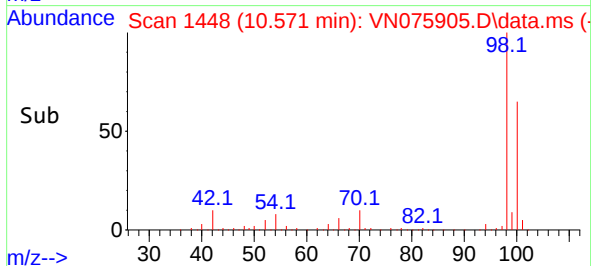
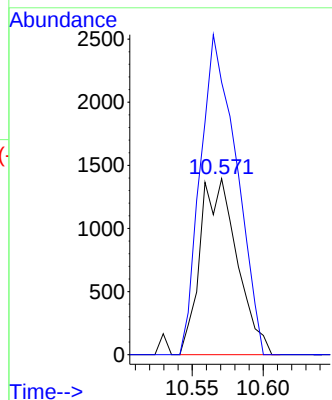
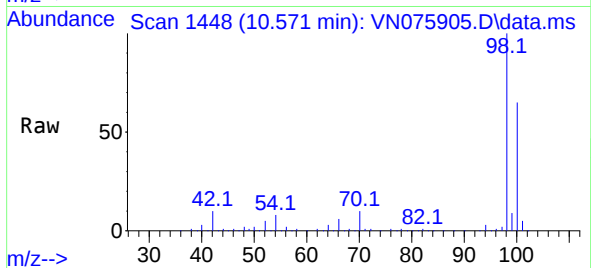
IBLK

Tgt Ion: 43 Resp: 2527

Ion Ratio Lower Upper

43 100

58 177.4 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 47.517 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075905.D

Acq: 20 Dec 2022 17:46

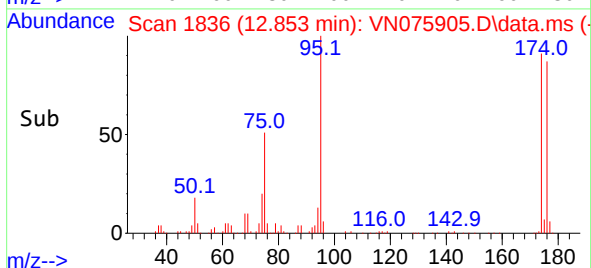
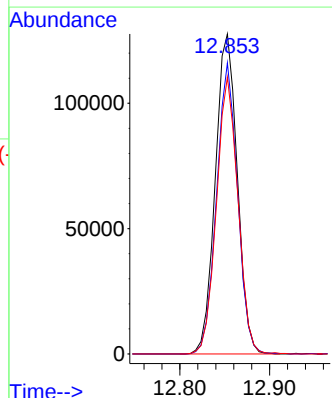
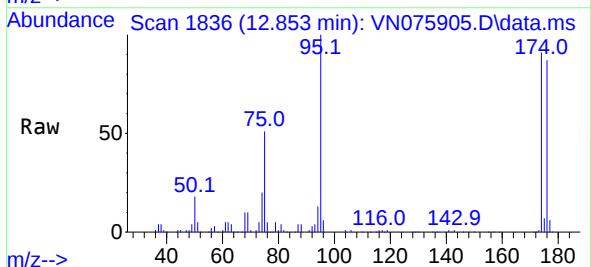
Tgt Ion: 95 Resp: 216863

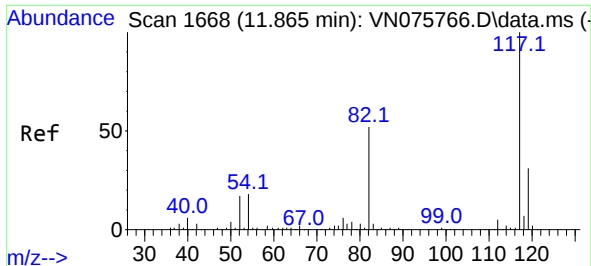
Ion Ratio Lower Upper

95 100

174 87.0 0.0 171.6

176 84.6 0.0 169.2

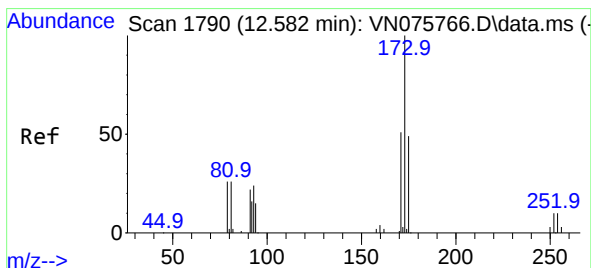
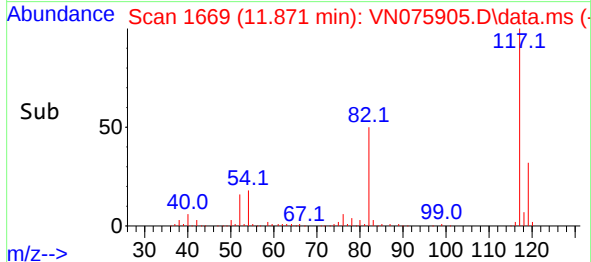
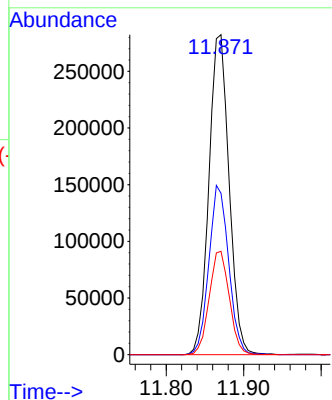
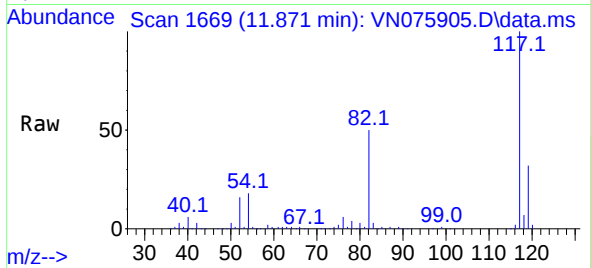




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

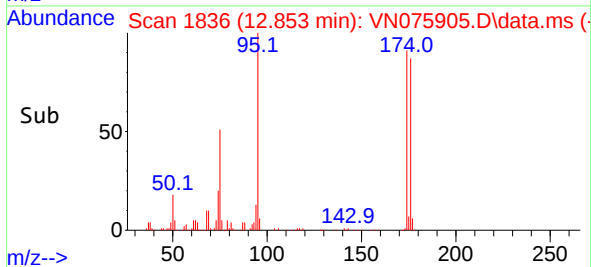
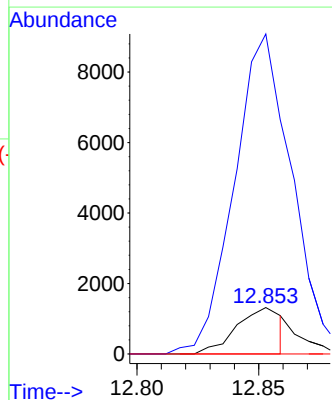
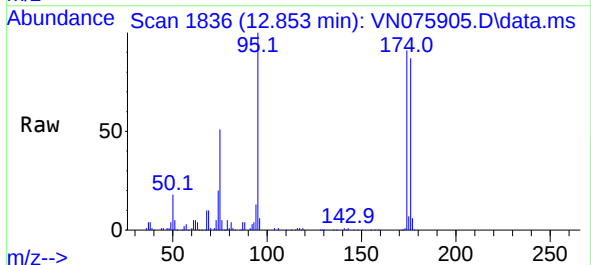
Instrument :
MSVOA_N
ClientSampleId :
IBLK

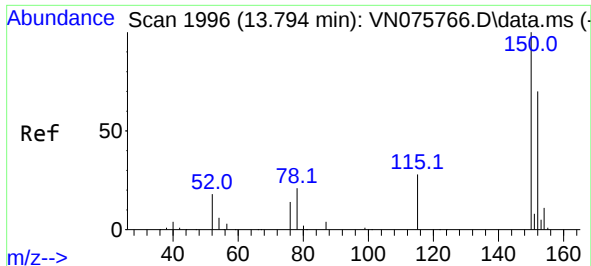
Tgt Ion:117 Resp: 510058
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.3 24.6 37.0



#71
Bromoform
Concen: 0.604 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion:173 Resp: 1705
Ion Ratio Lower Upper
173 100
175 699.4 24.3 72.8#
254 0.0 0.0 0.0

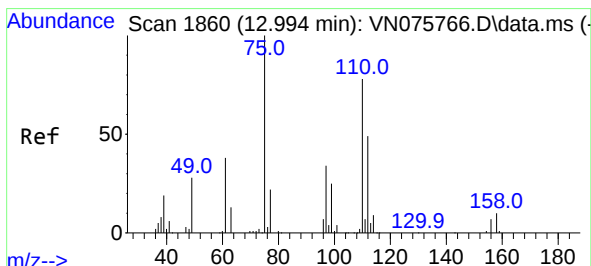
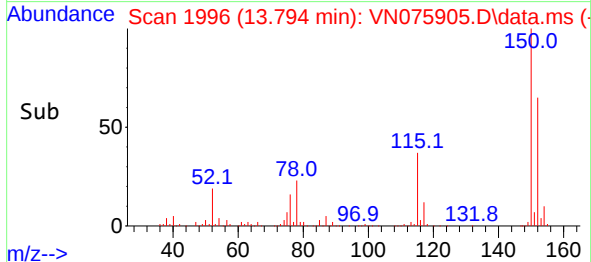
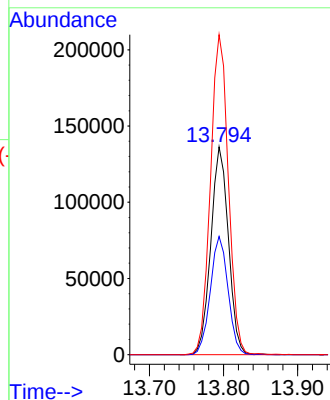
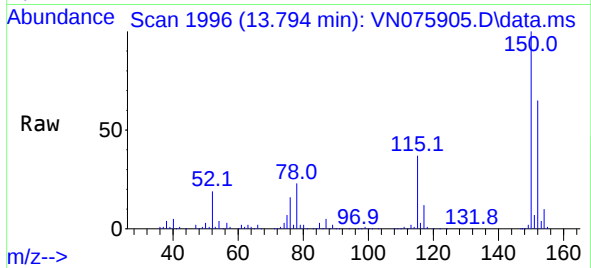




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

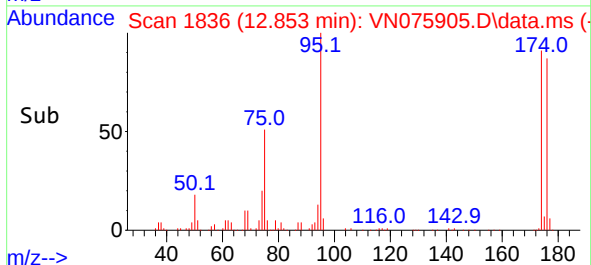
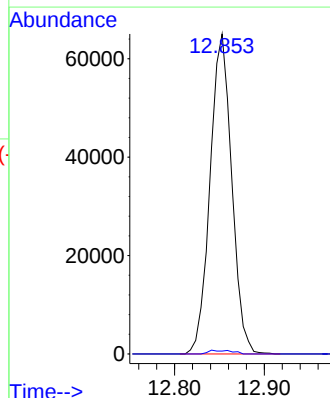
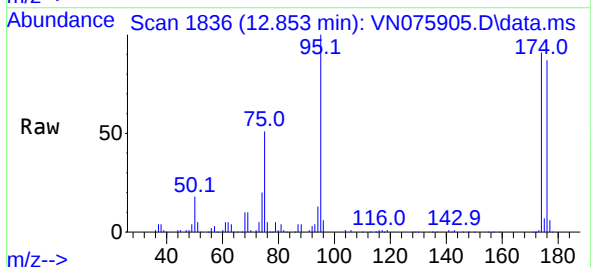
Instrument :
MSVOA_N
ClientSampleId :
IBLK

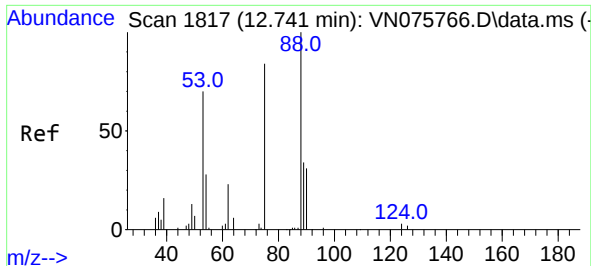
Tgt Ion:152 Resp: 224966
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 156.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.056 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion: 75 Resp: 109088
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

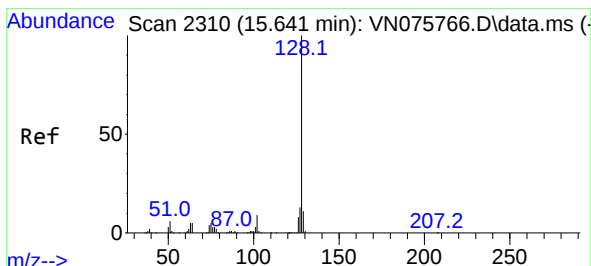
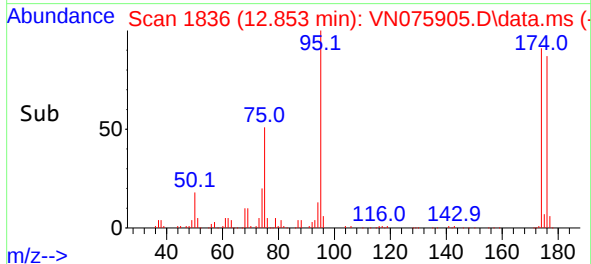
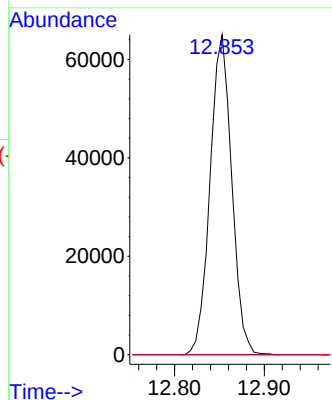
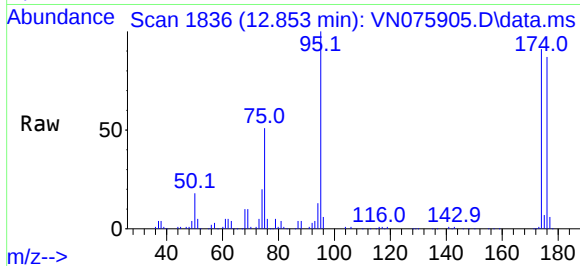




#81
trans-1,4-Dichloro-2-butene
Concen: 86.589 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 109088
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.267 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075905.D
Acq: 20 Dec 2022 17:46

Tgt Ion:128 Resp: 1144
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 5.5 8.7 13.1#

